

$$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx$$

Attorney Docket Number: 19.0331

Publication Filing Type: new-utility

Application Type: utility

**Title of Invention:** Downhole Drilling Apparatus and Method for Using Same

**Suggested Representative Figure: 3A**

**Legal Representative:**

Attorney or Agent: J.L. Jennie Salazar

Registration Number: 45065

Customer Number Correspondence Address: 23718



**INVENTOR(s):**

Primary Citizenship: Canada

Given Name: Barry

Middle Name: W.

Family Name: Cross

Residence City: Sugar Land

Residence State: Texas

Residence Country: US

Address: 4422 Bermuda Drive  
Sugar Land Texas, 77479 US

**Primary Citizenship:** Costa Rica

Given Name: Mario

Middle Name: A.

Family Name: Araya

Residence City: Sugar Land

Residence State: Texas

Residence Country: US

Address: 15015-616 West Airport Blvd.

Sugar Land Texas, 77478 US

Primary Citizenship: USA  
Given Name: Keith  
Middle Name: A.  
Family Name: Moriarty  
Residence City: Houston  
Residence State: Texas  
Residence Country: US  
Address: 603 Durley  
Houston Texas, 77079 US

Primary Citizenship: USA  
Given Name: Kenneth  
Middle Name: W.  
Family Name: Turner  
Residence City: Houston  
Residence State: Texas  
Residence Country: US  
Address: 9700 Leawood #1105  
Houston Texas, 77099 US

Primary Citizenship: USA  
Given Name: Jean-Michel  
Family Name: Hache  
Residence City: Houston  
Residence State: Texas  
Residence Country: US  
Address: 3515 Shadow Bayou Court  
Houston Texas, 77082 US